

GenCore version 5.1.3
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OM protein - nucleic search, using frame_plus_p2n model

Run on: March 14, 2003, 05:41:40 : Search time 90 Seconds
(without alignments)
2012.013 Million cell updates/sec

Title: US-09-698-781-3
Perfect score: 258
Sequence: 1 MKQILHPALETTAMTLPVL.....KHQIVRDSKASCNSNSIY 258

Scoring table:

OLIGO
Xgapop 60.0, Xgapext 60.0
Ygapop 60.0, Ygapext 60.0
Fgapop 6.0, Fgapext 7.0
Delop 6.0, Delext 7.0

Searched: 501302 seqs, 350932545 residues

Word size: 1

Total number of hits satisfying chosen parameters: 226740

Minimum DB seq length: 20
Maximum DB seq length: 99

Post-processing: Listing first 100 summaries

Command line parameters:
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-FCAPEXT=7 -YGAPOP=60 -YGAEXT=60 -DELOP=6 -DELEXT=7

Database :

Published Applications.NA:
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11: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*
13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	2.7	41	9	US-10-038-723-63
2	2.3	20	9	US-09-766-450-47
3	2.3	22	9	US-09-811-838-20
4	2.3	23	9	US-10-094-183-5

5	2.3	25	9	US-10-066-498-4	Sequence 4, App11
6	2.3	27	10	US-09-952-663-7	Sequence 7, App11
7	2.3	30	10	US-09-847-1018-B	Sequence 6, App11
8	2.3	30	10	US-09-804-682-103	Sequence 103, App
9	2.3	32	10	US-09-814-786-39	Sequence 39, App1
10	2.3	35	9	US-09-773-599-10	Sequence 10, App1
11	2.3	40	10	US-09-245-802-127	Sequence 127, App
12	2.3	50	9	US-09-978-295A-368	Sequence 368, App
13	2.3	50	9	US-09-978-697-368	Sequence 368, App
14	2.3	50	9	US-09-978-192A-368	Sequence 368, App
15	2.3	50	9	US-09-999-832A-368	Sequence 368, App
16	2.3	50	9	US-09-978-189-368	Sequence 368, App
17	2.3	50	9	US-09-978-608A-368	Sequence 368, App
18	2.3	53	10	US-09-738-847-18	Sequence 18, App1
19	2.3	54	10	US-09-983-965-4213	Sequence 4213, App
20	2.3	66	9	US-09-943-722-69	Sequence 69, App11
21	2.3	69	9	US-10-099-738-5	Sequence 5, App11
22	2.3	70	10	US-09-070-927A-894	Sequence 894, App
23	2.3	75	10	US-09-864-761-24410	Sequence 24410, A
24	2.3	81	10	US-09-864-761-24623	Sequence 24623, A
25	2.3	88	10	US-09-864-761-19378	Sequence 19378, A
26	2.3	94	10	US-09-864-761-24337	Sequence 24337, A
27	2.3	96	10	US-09-864-761-31054	Sequence 31054, A
28	2.3	99	10	US-09-864-761-18807	Sequence 18807, A
29	2.3	10	9	US-09-846-456-7	Sequence 7, App11
30	1.9	20	9	US-10-032-495-59	Sequence 59, App1
31	1.9	20	9	US-09-881-012-191	Sequence 191, App
32	1.9	20	9	US-09-824-322B-129	Sequence 129, App
33	1.9	20	9	US-09-957-837A-11	Sequence 11, App1
34	1.9	20	9	US-09-888-326-589	Sequence 589, App
35	1.9	20	9	US-09-865-866-113	Sequence 113, App
36	1.9	20	9	US-10-007-537A-30	Sequence 30, App1
37	1.9	20	10	US-09-735-695-29	Sequence 29, App1
38	1.9	20	10	US-09-752-110A-24	Sequence 24, App1
39	1.9	20	10	US-09-733-294A-29	Sequence 29, App1
40	1.9	20	10	US-09-062-113-23	Sequence 23, App1
41	1.9	20	10	US-09-823-825A-4	Sequence 4, App11
42	1.9	20	10	US-09-897-056-1	Sequence 1, App11
43	1.9	20	10	US-09-918-186A-183	Sequence 183, App1
44	1.9	20	10	US-09-263-959-1065	Sequence 1065, App
45	1.9	21	8	US-08-983-605-396	Sequence 396, App
46	1.9	21	9	US-09-736-968A-115	Sequence 115, App1
47	1.9	21	9	US-09-932-300-13	Sequence 13, App1
48	1.9	21	9	US-09-932-300-57	Sequence 57, App1
49	1.9	21	9	US-10-038-723-9	Sequence 9, App11
50	1.9	21	10	US-09-885-441-23	Sequence 23, App1
51	1.9	22	9	US-09-978-248-15	Sequence 15, App1
52	1.9	22	9	US-10-005-338B-186	Sequence 186, App
53	1.9	22	10	US-09-774-107-2	Sequence 2, App11
54	1.9	22	10	US-09-995-542-18	Sequence 18, App1
55	1.9	22	10	US-09-943-906-22	Sequence 22, App1
56	1.9	22	10	US-09-943-906-38	Sequence 38, App1
57	1.9	23	9	US-10-056-884-32	Sequence 32, App1
58	1.9	23	9	US-10-075-846-39	Sequence 39, App1
59	1.9	23	9	US-10-077-023-122	Sequence 122, App1
60	1.9	23	9	US-10-080-980-29	Sequence 29, App1
61	1.9	23	9	US-09-905-674-5	Sequence 5, App11
62	1.9	23	10	US-09-779-879A-24	Sequence 24, App1
63	1.9	23	10	US-09-779-880A-24	Sequence 24, App1
64	1.9	23	10	US-09-969-373-2059	Sequence 2059, App
65	1.9	23	10	US-09-918-951-9	Sequence 9, App11
66	1.9	23	12	US-10-039-785-7	Sequence 7, App11
67	1.9	23	12	US-10-153-064-34	Sequence 34, App1
68	1.9	24	9	US-09-800-266A-53	Sequence 53, App1
69	1.9	24	9	US-09-905-291A-269	Sequence 269, App
70	1.9	24	9	US-09-895-007A-53	Sequence 53, App1
71	1.9	24	9	US-10-023-909A-53	Sequence 53, App1
72	1.9	24	9	US-10-113-877-170	Sequence 170, App
73	1.9	24	9	US-09-802-853-269	Sequence 269, App
74	1.9	24	9	US-09-807-824-366	Sequence 366, App
75	1.9	24	9	US-09-920-841-269	Sequence 269, App
76	1.9	24	9	US-09-920-841-53	Sequence 53, App1
77	1.9	24	9	US-09-815-981-1	Sequence 1, App11

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78 5 1.9 24 9 US-09-904-011-269 Sequence 269, App
79 5 1.9 24 9 US-09-906-742-269 Sequence 269, App
80 5 1.9 24 9 US-09-888-326-37 Sequence 37, Appl
81 5 1.9 24 9 US-09-888-326-38 Sequence 38, Appl
82 5 1.9 24 9 US-09-906-838-269 Sequence 269, App
83 5 1.9 24 9 US-09-907-613-269 Sequence 269, App
84 5 1.9 24 9 US-09-907-942-269 Sequence 269, App
85 5 1.9 24 9 US-10-154-386-10 Sequence 10, Appl
86 5 1.9 24 9 US-09-904-820-269 Sequence 269, App
87 5 1.9 24 9 US-09-904-859-269 Sequence 269, App
88 5 1.9 24 9 US-09-909-204-269 Sequence 269, App
89 5 1.9 24 9 US-09-966-515-7 Sequence 7, Appl
90 5 1.9 24 9 US-09-904-786-269 Sequence 269, App
91 5 1.9 24 9 US-09-906-646-269 Sequence 269, App
92 5 1.9 24 9 US-09-906-700-269 Sequence 269, App
93 5 1.9 24 9 US-09-902-903-269 Sequence 269, App
94 5 1.9 24 9 US-09-903-749A-269 Sequence 269, App
95 5 1.9 24 9 US-09-903-786-269 Sequence 269, App
96 5 1.9 24 10 US-09-824-468-62 Sequence 62, Appl
97 5 1.9 24 10 US-09-800-396-6 Sequence 6, Appl
98 5 1.9 24 10 US-09-798-743A-13 Sequence 13, Appl
99 5 1.9 24 10 US-09-798-743A-21 Sequence 21, Appl
100 5 1.9 24 10 US-09-909-320-269 Sequence 269, App

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ALIGNMENTS

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RESULT 1
US-10-038-723-63
: Sequence 63, Application US/10038723
: Publication No. US20030032163A1
: GENERAL INFORMATION:
: APPLICANT: Nielsen, Bjarne Roenfeldt
: APPLICANT: Svendsen, Allan
: APPLICANT: Pedersen, Henrik
: APPLICANT: Vind, Jesper
: APPLICANT: Hendiksen, Hanne Peter
: APPLICANT: Frandsen, Torben Peter
: TITLE OF INVENTION: Glucoamylase Variants
: FILE REFERENCE: 5636.200-US
: CURRENT APPLICATION NUMBER: US/10/038,723
: CURRENT FILING DATE: 2002-01-02
: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/351,814
: PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-12
: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PA 1998 00937
: PRIOR FILING DATE: EARLIER FILING DATE: 1998-07-15
: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PA 1998 01667
: PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-17
: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/093,528
: PRIOR FILING DATE: EARLIER FILING DATE: 1998-07-21
: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/115,545
: PRIOR FILING DATE: EARLIER FILING DATE: 1999-01-12
: NUMBER OF SEQ ID NOS: 81
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 63
: LENGTH: 41
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: primer HK3-K3520-sense
US-10-038-723-63

Alignment Scores:
Pred. No.: 20.8 Length: 41
Score: 7.00 Matches: 7
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.71% Indels: 0
Gaps: 0

US-09-698-781-3 (1-258) x US-10-038-723-63 (1-41)
Qy 24 ValAlaGlyLeuLeuProSer 30

```

```

Db 4 GTGCGTGAAGCTTCCTCCAGC 24
RESULT 2
US-09-766-450-47
: Sequence 47, Application US/09766450
: Publication No. US20030022166A1
: GENERAL INFORMATION:
: APPLICANT: Collins, Collin
: APPLICANT: Volk, Stanislaw
: APPLICANT: Volik, Stanislaw
: APPLICANT: Gray, Joe W.
: APPLICANT: Albertson, Donna G.
: APPLICANT: Pinkel, Daniel
: APPLICANT: The Regents of the University of California
: TITLE OF INVENTION: Repeat-Free Probes for Molecular
: FILE REFERENCE: 023071-11800US
: CURRENT APPLICATION NUMBER: US/09/766,450
: CURRENT FILING DATE: 2001-01-19
: NUMBER OF SEQ ID NOS: 112
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 47
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: primer 768348.f1
US-09-766-450-47

Alignment Scores:
Pred. No.: 111 Length: 20
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
Gaps: 0

US-09-698-781-3 (1-258) x US-09-766-450-47 (1-20)
Qy 22 PheLeuValAlaGlyLeu 27
Db 2 TTTCGTGTTGCAAGATG 19

RESULT 3
US-09-811-838-20
: Sequence 20, Application US/09811838
: Publication No. US20030027800A1
: GENERAL INFORMATION:
: APPLICANT: Miller, Duane D.
: APPLICANT: Tiyyl, Gabor
: APPLICANT: Dalton, James T.
: APPLICANT: Sarder, Vinet M.
: APPLICANT: Elrod, Don B.
: APPLICANT: Xu, Huidong
: APPLICANT: Baker, Daniel L.
: APPLICANT: Wang, Dean
: APPLICANT: Lilliom, Karoly
: APPLICANT: Fischer, David J.
: APPLICANT: Vlasq, Tamas
: APPLICANT: Nusser, No. US20030027800A1a
: TITLE OF INVENTION: LPA RECEPTOR AGONISTS AND ANTAGONISTS AND METHODS OF
: FILE REFERENCE: 20609/181
: CURRENT APPLICATION NUMBER: US/09/811,838
: CURRENT FILING DATE: 2001-03-19
: PRIOR APPLICATION NUMBER: 60/190,370
: PRIOR FILING DATE: 2000-03-17
: NUMBER OF SEQ ID NOS: 26
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 20
: LENGTH: 22
: TYPE: DNA
: ORGANISM: Artificial Sequence

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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer,
OTHER INFORMATION: reverse EDG-6
US-09-811-838-20

Alignment Scores:
Pred. No.: 122      Length: 22
Score: 6.00      Matches: 6
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 9      Gaps: 0

US-09-698-781-3 (1-258) x US-09-811-838-20 (1-22)

OY 116 SerSerAlaProSerSer 121
DB 3 TCATCAGCACCCTCTCA 20

RESULT 4
US-10-094-183-5
Sequence 5, Application US/10094183
Patent No. US20020168631A1
GENERAL INFORMATION:
APPLICANT: Welgene, Inc.
TITLE OF INVENTION: Random Gene Unidirectional Antisense Library
FILE REFERENCE: 57354.00003
CURRENT APPLICATION NUMBER: US/10/094,183
CURRENT FILING DATE: 2002-03-08
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Artificial Sequence: Synthetic Primer
US-10-094-183-5

Alignment Scores:
Pred. No.: 138      Length: 25
Score: 6.00      Matches: 6
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 9      Gaps: 0

US-09-698-781-3 (1-258) x US-10-094-183-5 (1-25)

OY 116 SerSerAlaProSerSer 121
DB 3 TCACACTGCCCTCTCTCC 20

RESULT 5
US-10-066-498-4
Sequence 4, Application US/10066498
Patent No. US20020182181A1
GENERAL INFORMATION:
APPLICANT: Welgene Inc.
TITLE OF INVENTION: 57354-2
FILE REFERENCE: 5735400002
CURRENT APPLICATION NUMBER: US/10/066,498
CURRENT FILING DATE: 2002-01-30
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Artificial Sequence: Synthetic Primer
US-10-066-498-4
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Alignment Scores:
Pred. No.: 138      Length: 25
Score: 6.00      Matches: 6
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 9      Gaps: 0

US-09-698-781-3 (1-258) x US-10-066-498-4 (1-25)

OY 116 SerSerAlaProSerSer 121
DB 3 TCACACTGCCCTCTCTCC 20

RESULT 6
US-09-952-663-7/c
Sequence 7, Application US/09952663
Patent No. US20020119554A1
GENERAL INFORMATION:
APPLICANT: VOCKLEY, JOSEPH G.
APPLICANT: DILLON, PATRICK J.
TITLE OF INVENTION: ARGINASE II
FILE REFERENCE: ATG-50004-4/D1
CURRENT APPLICATION NUMBER: US/09/952,663
CURRENT FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US/09/541,762
PRIOR FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: US 09/116,115
PRIOR FILING DATE: 1998-07-15
PRIOR APPLICATION NUMBER: US 08/914,981
PRIOR FILING DATE: 1997-08-20
PRIOR APPLICATION NUMBER: US 08/700,186
PRIOR FILING DATE: 1996-08-20
PRIOR APPLICATION NUMBER: US 60/013,395
PRIOR FILING DATE: 1996-02-14
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 7
LENGTH: 27
TYPE: DNA
ORGANISM: HOMO SAPIENS
US-09-952-663-7

Alignment Scores:
Pred. No.: 148      Length: 27
Score: 6.00      Matches: 6
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 10      Gaps: 0

US-09-698-781-3 (1-258) x US-09-952-663-7 (1-27)

OY 42 ThrAlaLeuThrThr 47
DB 20 ACAGCTCTCTACACC 3

RESULT 7
US-09-847-101B-6/c
Sequence 6, Application US/09847101B
Patent No. US20020193327A1
GENERAL INFORMATION:
APPLICANT: VON SEGGERN, DANIEL
APPLICANT: NEMEROW, GLEN R.
APPLICANT: FRIEDLANDER, MARTIN
TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC
FILE REFERENCE: 22308-1226B
CURRENT APPLICATION NUMBER: US/09/847,101B
CURRENT FILING DATE: 2001-05-01
PRIOR APPLICATION NUMBER: 09/362,934
PRIOR FILING DATE: 2000-05-01
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn Ver. 2.1
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: SEQ ID NO 6
: LENGTH: 30
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-847-101B-6

Alignment Scores:
Pred. No.: 164 Length: 30
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
Gaps: 0

DB: 9

US-09-698-781-3 (1-258) x US-09-847-101B-6 (1-30)

OY 79 Aaulygcluaiaaiaaia 84
DB 23 AATAAGAGCGCCGCG 6

RESULT 8
US-09-804-682-103
: Sequence 103, Application US/09804682
: Patent No. US20020106765A1
: GENERAL INFORMATION:
: APPLICANT: Kinders, Robert J.
: TITLE OF INVENTION: PAI-18 POLYPEPTIDES, NUCLEIC ACIDS
: TITLE OF INVENTION: ENCODING THE SAME AND METHODS FOR SCREENING FOR OR
: TITLE OF INVENTION: MODULATING THE SAME
: FILE REFERENCE: 130001.406
: CURRENT APPLICATION NUMBER: US/09/804,682
: NUMBER OF SEQ ID NOS: 174
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 103
: LENGTH: 30
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: PCR primer
US-09-804-682-103

Alignment Scores:
Pred. No.: 164 Length: 30
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
Gaps: 0

DB: 10

US-09-698-781-3 (1-258) x US-09-804-682-103 (1-30)

OY 232 Leuylglaeuthrleuthr 237
DB 8 CTAAATTAACCTACT 25

RESULT 9
US-09-814-786-39
: Sequence 39, Application US/09814786
: Patent No. US2002010072A1
: GENERAL INFORMATION:
: APPLICANT: KIKUCHI, Yasuhiro
: KIKOKAWA, Shigeto
: SHIMADA, Yukihisa
: OHBAYASHI, Masaya
: SHIMADA, Ritsuko
: OKINAKA, Yasushi
: TITLE OF INVENTION: NOVEL PLANT GENES
: NUMBER OF SEQUENCES: 67
: CORRESPONDENCE ADDRESS:

```

```

: ADDRESSEE: FITZPATRICK, CELLA, HARPER & SCINTO
: STREET: 30 Rockefeller Plaza
: CITY: New York
: STATE: New York
: COUNTRY: U.S.A.
: ZIP: 10112-3801
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette - 3.50 inch, 720 Kb storage.
: COMPUTER: IBM PS/4
: OPERATING SYSTEM: MS-DOS Ver3.30
: SOFTWARE: PATENT AID Ver1.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/814,786
: FILING DATE: 23-Mar-2001
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/09/616,990
: FILING DATE: 14-Jul-2000
: APPLICATION NUMBER: JP44963/92
: FILING DATE: 02-Mar-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Perry, Lawrence S.
: REGISTRATION NUMBER: 31865
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 212-218-2100
: TELEFAX: 212-218-2200
: INFORMATION FOR SEQ ID NO: 39 :
: SEQUENCE CHARACTERISTICS:
: LENGTH: 32 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA to mRNA
: ORIGINAL SOURCE:
: ORGANISM: petunia hybrida
: STRAIN: Falcon Blue
: TISSUE TYPE: flower limbs in the bud
: SEQUENCE DESCRIPTION: SEQ ID NO: 39
US-09-814-786-39

Alignment Scores:
Pred. No.: 174 Length: 32
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
Gaps: 0

DB: 10

US-09-698-781-3 (1-258) x US-09-814-786-39 (1-32)

OY 138 Pheglyaalglyprolys 143
DB 4 TTCCGAGTCGCCCAAA 21

RESULT 10
US-09-773-599-10/c
: Sequence 10, Application US/09773599
: Patent No. US20020160362A1
: GENERAL INFORMATION:
: APPLICANT: John Craig SMITH
: TITLE OF INVENTION: DIAGNOSTIC METHOD
: FILE REFERENCE: 009901/0276655 - LDSC/270655/US
: CURRENT APPLICATION NUMBER: US/09/773,599
: CURRENT FILING DATE: 2001-02-02
: PRIOR APPLICATION NUMBER: GB 0002366.3
: PRIOR FILING DATE: 2000-02-03
: NUMBER OF SEQ ID NOS: 22
: SOFTWARE: MS word
: SEQ ID NO 10
: LENGTH: 35
: TYPE: DNA
: ORGANISM: Human
US-09-773-599-10

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Fri Mar 14 14:00:07 2003

us-09-698-781-3.oli.rmp

Page 5

Alignment Scores: 189 Length: 35
Pred. No.: 6.00 Matches: 6
Score: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
DB: 9 Gaps: 0

US-09-698-781-3 (1-258) x US-09-773-599-10 (1-35)

OY 117 SerialProserSertp 122
DB 33 AGTGGCCGAGCTCTGCG 16

RESULT 11
US-09-245-802-127/C
Sequence 127, Application US/09245802
Patent No. US20010049125A1
GENERAL INFORMATION:
APPLICANT: STEWART, PH. D., WILLEN P. C.
APPLICANT: LIPSCHUTZ, ROBERT J.
TITLE OF INVENTION: END-COMPLEMENTARY POLYMERASE REACTION
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND AND TOWNSEND AND CREW
STREET: TWO EMBARCADERO CENTER, 8TH FLOOR
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: U.S.A.
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/245,802
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/675,502
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/05480
FILING DATE: 18-APR-1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MURPHY, ESO., MATTHEW B.
REGISTRATION NUMBER: 39,787
REFERENCE/DOCKET NUMBER: 16528J-015410US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ. ID NO.: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular

US-09-245-802-127

Alignment Scores: 215 Length: 40
Pred. No.: 6.00 Matches: 6
Score: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
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US-09-698-781-3 (1-258) x US-09-245-802-127 (1-40)

OY 62 LeuArgArgAlaValSer 67

DB 36 CTGCGCGAGCGGATCA 19
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RESULT 12
US-09-978-295A-368
Sequence 368, Application US/09978295A
Patent No. US20020156006A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Bostein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
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APPLICANT: Hillan, Kenneth J.
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APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paonl, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC11
CURRENT APPLICATION NUMBER: US/09/978,295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

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Alignment Scores:

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Pred. No.: 265 Length: 50
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
DB: 9 Gaps: 0

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US-09-698-781-3 (1-258) x US-09-978-295A-368 (1-50)

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QY 151 HsYrThrgInaVal 156
DB 31 CATTATACAGCTCTG 48

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RESULT 13
US-09-978-697-368
Sequence 368, Application US/09978697
Patent No. US20020169284A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Flivartoff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaidi, J. Christopher
APPLICANT: Gutney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC27
CURRENT APPLICATION NUMBER: US/09/978,697
PRIOR FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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PRIOR APPLICATION NUMBER: 60/083496
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PRIOR APPLICATION NUMBER: 60/083554
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Alignment Scores:
Pred. No.: 265
Score: 6.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 2.33%
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Gaps: 0

US-09-698-781-3 (1-258) x US-09-978-697-368 (1-50)
OY 151 HISTYRTHGlnVal 156
Db 31 CATTATACAGTGTGTG 48
RESULT 14

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US-09-978-192A-368
Sequence 368, Application US/09978192A
Patent No. US20020177553A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
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APPLICANT: Gerber, Hanspeter
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APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumes, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OR INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C9
CURRENT APPLICATION NUMBER: US/09/978,192A
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-10-15
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;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Alignment Scores:-

Pred. No.:	265	Length:	50
Score:	6.00	Matches:	6
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	2.33%	Indels:	0
DB:	9	Gaps:	0

US-09-698-781-3 (1-258) x US-09-978-192A-368 (1-50)

QY 151 HstYrThgInVAlval 156

DB 31 CATrTACACAGCTCGT 48

RESULT 15

US-09-999-832A-368

; Sequence 368, Application US/0999832A

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Publication No. US20020192706A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleone
APPLICANT: Flivartoff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paonli, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C63
CURRENT APPLICATION NUMBER: US/09/999,832A
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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Alignment Scores:

Prod. No.: 265 Length: 50
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Query Match: 2.33% Indels: 0
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US-09-698-781-3 (1-258) x US-09-999-832A-368 (1-50)

Oy 151 H1STYTHGInVal1 156

Db 31 CATTATACACAGCTGCTG 48

RESULT 16
US-09-978-189-368

; Sequence 368, Application US/09978189

; Publication No. US20030004102A1

; GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
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;; APPLICANT: Wood, William I.
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PRIOR APPLICATION NUMBER: 60/085697

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Alignment Scores:

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Pred. No.: 265 Length: 50
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
DB: 9 Gaps: 0

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US-09-698-781-3 (1-258) x US-09-978-189-368 (1-50)

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QY 151 H1STYrThrcInYalYal 156
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DB 31 CATATACACAGTCGTG 48

RESULT 17
US-09-978-608A-368
Sequence 368, Application US/09978608A
Publication No. US20030045462A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.

```

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: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan
: APPLICANT: Ferrara, Napoleon
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gertlisen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, J. Christopher
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Kijavlin, Ivar J.
: APPLICANT: Kuo, Sophia S.
: APPLICANT: Napier, Mary A.
: APPLICANT: Pan, James.
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Shelton, David L.
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: P2630P1C22
: CURRENT APPLICATION NUMBER: US/09/978,608A
: NUMBER OF SEQ ID NOS: 624
: PRIOR FILING DATE: 2001-10-16
: Prior Application removed - See File Wrapper or Palm
: SEQ ID NO 368
: LENGTH: 50
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-608A-368

Alignment Scores:
Pred. No.: 265          Length: 50
Score: 6.00           Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 9                  Gaps: 0

US-09-698-781-3 (1-258) x US-09-978-608A-368 (1-50)
Qy 151 HSTYRTHGInValval 156
Db 31 CATATACACAGTCTGTG 48

RESULT 18
US-09-738-847-18/c
: Sequence 18, Application US/09738847
: Patent No. US20010010816a1
: GENERAL INFORMATION:
: APPLICANT: Deng, Ruitang
: APPLICANT: Sheppard, Mike
: TITLE OF INVENTION: Compositions and Methods for Protecting Animals from
: TITLE OF INVENTION: Lentivirus-Associated Disease Such as Feline
: FILE REFERENCE: PC10173A-US
: CURRENT APPLICATION NUMBER: US/09/738,847
: CURRENT FILING DATE: 2000-12-15
: PRIOR APPLICATION NUMBER: 60/097,645
: NUMBER OF SEQ ID NOS: 59
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 18
: LENGTH: 53

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: TYPE: DNA
: ORGANISM: Feline Immunodeficiency Virus
US-09-738-847-18

Alignment Scores:
Pred. No.: 280          Length: 53
Score: 6.00           Matches: 6
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Query Match: 2.33%      Indels: 0
DB: 10                  Gaps: 0

US-09-698-781-3 (1-258) x US-09-738-847-18 (1-53)
Qy 160 SeTYrLeuValGlyCys 165
Db 31 TTCCTACCTGTGCTGT 14

RESULT 19
US-09-983-965-4213/c
: Sequence 4213, Application US/09983965
: Patent No. US20020137160A1
: GENERAL INFORMATION:
: APPLICANT: Warren, Wesley C.
: APPLICANT: Tao, Nengbing
: APPLICANT: Byatt, John C.
: APPLICANT: Mathalaagan, Nagappan
: TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AT
: FILE REFERENCE: 37-21(10297)C
: CURRENT APPLICATION NUMBER: US/09/983,965
: CURRENT FILING DATE: 2001-10-26
: PRIOR APPLICATION NUMBER: US 09/465,231
: PRIOR FILING DATE: 1999-12-15
: PRIOR APPLICATION NUMBER: US 60/113,678
: PRIOR FILING DATE: 1998-12-17
: NUMBER OF SEQ ID NOS: 5912
: SEQ ID NO 4213
: LENGTH: 54
: TYPE: DNA
: ORGANISM: Bos taurus
: FEATURE:
: OTHER INFORMATION: Clone ID: 60-LIB3058-028-Q1-K1-G12
US-09-983-965-4213

Alignment Scores:
Pred. No.: 285          Length: 54
Score: 6.00           Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 10                  Gaps: 0

US-09-698-781-3 (1-258) x US-09-983-965-4213 (1-54)
Qy 41 PheThAlaLeuLeuThr 46
Db 21 TTCACAGCTTATGACA 4

RESULT 20
US-09-943-722-69/c
: Sequence 69, Application US/0943722
: Publication No. US20020192660A1
: GENERAL INFORMATION:
: APPLICANT:
: APPLICANT:
: TITLE OF INVENTION: METHOD OF ELIMINATING
: TITLE OF INVENTION: INHIBITORY/INSTABILITY REGIONS OF mRNA
: NUMBER OF SEQUENCES: 130
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: MORGAN & FINNEGAN
: STREET: 345 PARK AVENUE

```

CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,722
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/850,049
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/050,478
FILING DATE: 26-OCT-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/02908
FILING DATE: 29-MAR-1993
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/858,747
FILING DATE: 27-MAR-1992
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MORRY, MARY J.
REGISTRATION NUMBER: 34,398
REFERENCE/DOCKET NUMBER: 2026-4006051
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)758-4800
TELEFAX: (212)751-6849
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 66 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
US-09-943-722-69

Alignment Scores:
Pred. No.: 344 Length: 66
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
Gaps: 0

US-09-698-781-3 (1-258) x US-09-943-722-69 (1-66)

QY 26 GlyleuLeuProSerPhe 31
DB 36 GGTCTCTGCTCCGAGTTTC 19

RESULT 21
Sequence 5, Application US/10099738
Publication No. US2003027179A1
GENERAL INFORMATION:
APPLICANT: Heid, Christian A
APPLICANT: Livak, Kenneth J
TITLE OF INVENTION: METHODS FOR EXTERNAL CONTROLS FOR NUCLEIC ACID
TITLE OF INVENTION: AMPLIFICATION
FILE REFERENCE: 449805
CURRENT APPLICATION NUMBER: US/10/099,738
CURRENT FILING DATE: 2002-03-15
PRIOR APPLICATION NUMBER: US/09/645,959
PRIOR FILING DATE: 2000-08-24
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 5
LENGTH: 69
TYPE: DNA
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: test sequence
US-10-099-738-5

Alignment Scores:
Pred. No.: 359 Length: 69
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
Gaps: 0

US-09-698-781-3 (1-258) x US-10-099-738-5 (1-69)

QY 23 LeuValAlaGlyLeuLeu 28
DB 36 TTGGTGTCTGGCTGCTG 53

RESULT 22
US-09-070-927A-894/C
Sequence 894, Application US/09070927A
Patent No. US20020120116A1
GENERAL INFORMATION:
APPLICANT: Charles A. Kunsch
Patrick J. Dillon
Steven Barish
TITLE OF INVENTION: Enterococcus faecalis polynucleotides and polypeptides
NUMBER OF SEQUENCES: 982
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4MB storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/070,927A
FILING DATE: 04-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/046,655
FILING DATE: 1997-05-16
APPLICATION NUMBER: 60/044,031
FILING DATE: 1997-05-06
APPLICATION NUMBER: 60/066,009
FILING DATE: 1997-11-14
ATTORNEY/AGENT INFORMATION:
NAME: Kenley K. Hoover
REGISTRATION NUMBER: 40,302
REFERENCE/DOCKET NUMBER: PB369
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8504
TELEFAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: 894:
SEQUENCE CHARACTERISTICS:
LENGTH: 70 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-09-070-927A-894
SEQUENCE DESCRIPTION: SEQ ID NO: 894:
Alignment Scores:
Pred. No.: 364 Length: 70

Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
DB: 10 Gaps: 0

US-09-698-781-3 (1-258) x US-09-070-927A-894 (1-70)

Qy 20 LeuPheleuValala 25
Db 53 TTGCTTTTCGTGCT 36

RESULT 23
US-09-864-261-24410
Sequence 24410, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aemica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 24410
LENGTH: 75
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC010363.3 SIGNAL = 6.9
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 7.5
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 8.9
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 8.9

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 7.8
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 7.8
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 8.5
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 7
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 6.2
OTHER INFORMATION: NT HIT: AF007570.1, EVALUOE 1.50e-01
OTHER INFORMATION: SWISSPROT HIT: P15309, EVALUOE 7.40e+00

US-09-864-761-24410

Alignment Scores:
Pred. No.: 389 Length: 75
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
DB: 10 Gaps: 0

US-09-698-781-3 (1-258) x US-09-864-761-24410 (1-75)

Qy 28 LeuPheleuValala 33
Db 9 CTTCCTTCATTTCTGCG 26

RESULT 24
US-09-864-761-24623/c
Sequence 24623, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL
FILE REFERENCE: Aemica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29

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NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 24623
LENGTH: 81
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC021239.3
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 4.5
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 3.8
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.2
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.3
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.5
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2.5
OTHER INFORMATION: EST HUMAN HIT: BE770874.1, EVALUATE 9.70e-01
OTHER INFORMATION: NT HIT: AF119676.1, EVALUATE 6.50e-01
US-09-864-761-24623

Alignment Scores:
Pred. No.: 418          Length: 81
Score: 6.00            Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 10                 Gaps: 0

US-09-698-781-3 (1-258) x US-09-864-761-24623 (1-81)
Qy 118 AlaProserTfPser 123
Db 61 GCACCATCATCATGCTCC 44

RESULT 25
US-09-864-761-19378/c
Sequence 19378, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aemica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 19378
LENGTH: 88
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC011297.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 0.99
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 9.9
OTHER INFORMATION: EST HUMAN HIT: BF115285.1, EVALUATE 3.00e-16
OTHER INFORMATION: NT HIT: J03061.1, EVALUATE 2.00e-16
OTHER INFORMATION: SWISSPROT HIT: Q90663, EVALUATE 9.30e+00
US-09-864-761-19378

Alignment Scores:
Pred. No.: 452          Length: 88
Score: 6.00            Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33%      Indels: 0
DB: 10                 Gaps: 0

US-09-698-781-3 (1-258) x US-09-864-761-19378 (1-88)
Qy 115 MetSerTfPser 120
Db 40 ATGCTCTGCGCTTCC 23

RESULT 26
US-09-864-761-24937/c
Sequence 24937, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
FILE REFERENCE: Aemica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00674
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 24937
; LENGTH: 94
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO A1132796.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.3
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.9
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.2
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 3.4
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.2
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3.5
; OTHER INFORMATION: EST_HUMAN HIT: A1583847.1, EVALUATE 1.00e-03
; OTHER INFORMATION: NT HIT: A103021.1, EVALUATE 5.00e-02
; US-09-864-761-24937
; Alignment Scores:
; Pred. No.: 481
; Score: 6.00
; Percent Similarity: 100.00%
; Best Local Similarity: 100.00%
; Query Match: 2.33%
; DB: 10
; Gaps: 0
; US-09-698-781-3 (1-258) x US-09-864-761-24937 (1-94)
; Oy 27 LeuLeuProserPhePro 32
; DB 24 CVCCTCCCTCCTCTCTCT 7
; RESULT 27
; US-09-864-761-31054/c
; Sequence 31054, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DRIVEN SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecm1ca-x-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
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; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00674
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 31054
; LENGTH: 96
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC006120.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.74
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.75
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.59
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.88
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.67
; OTHER INFORMATION: NT HIT: A6001719.1, EVALUATE 8.00e-01
; OTHER INFORMATION: EST_HUMAN HIT: A1819755.1, EVALUATE 3.00e-47
; US-09-864-761-31054
; Alignment Scores:
; Pred. No.: 491
; Score: 6.00
; Percent Similarity: 100.00%
; Best Local Similarity: 100.00%
; Query Match: 2.33%
; DB: 10
; Gaps: 0
; US-09-698-781-3 (1-258) x US-09-864-761-31054 (1-96)
; Oy 3 GlnIleuHisProAla 8
; DB 42 CAATTCGATCCAGCT 25
; RESULT 28
; US-09-864-761-18807
; Sequence 18807, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
```

```

APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aegomica-X-1
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 18807
LENGTH: 99
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL049756.16
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.8
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.3
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 3.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.2
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 2.2
OTHER INFORMATION: EST HUMAN HIT: A172176.1, EVALUATE 4.80e+00
OTHER INFORMATION: NT HIT: AF003964.1, EVALUATE 4.50e-02
OTHER INFORMATION: SWISSPROT HIT: Q00328, EVALUATE 5.30e+00
US-09-864-761-18807

Alignment Scores:
Pred. No.: 505
Score: 6.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 2.33%
Length: 99
Matches: 6
Conservative: 0
Mismatch: 0
Indels: 0

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DB: 10 Gaps: 0
US-09-698-781-3 (1-258) x US-09-864-761-18807 (1-99)
Qy 26 GlyLeuLeuProSerPhe 31
Db 40 GGCCTGCTGCCAGCTTC 57

RESULT 29
US-09-846-456-7
Sequence 7, Application US/09846456
Patent No. US20020146792A1
GENERAL INFORMATION:
APPLICANT: Rosier, Marie
APPLICANT: Prades, Catherine
APPLICANT: Lemoine, Cendrine
APPLICANT: Naudin, Laurent
APPLICANT: Denefle, Patrice
APPLICANT: Duverger, Nicolas
APPLICANT: Brewer, Bryan
APPLICANT: Remaley, Alan
APPLICANT: Fojo, Silvia
TITLE OF INVENTION: Regulatory Nucleic Acid for the ABC1 Gene, Molecules Modifying
FILE REFERENCE: 3806.0505
CURRENT FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: US/09/846,456
PRIOR FILING DATE: 2000-05-02
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
LENGTH: 99
TYPE: DNA
ORGANISM: Homo sapiens
US-09-846-456-7

Alignment Scores:
Pred. No.: 505
Score: 6.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 2.33%
Length: 99
Matches: 6
Conservative: 0
Mismatch: 0
Indels: 0
Gaps: 0

US-09-698-781-3 (1-258) x US-09-846-456-7 (1-99)
Qy 65 AlavAlserProProAla 70
Db 71 GCTGTTTCCCTCCTGCT 88

RESULT 30
US-10-032-495-59/C
Sequence 59, Application US/10032495
Patent No. US20020155601A1
GENERAL INFORMATION:
APPLICANT: YAN, WEN LIANG
TITLE OF INVENTION: METHOD FOR PRODUCING A POPULATION OF HOMOZYGOUS STEM
TITLE OF INVENTION: CELLS HAVING A PRE-SELECTED IMMUNOTYPE AND/OR GENOTYPE,
FILE REFERENCE: 0249-0002US
CURRENT FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: US/10/032,495
PRIOR FILING DATE: 2001-01-02
NUMBER OF SEQ ID NOS: 86
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 59
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

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; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-032-495-59

Alignment Scores:

Pred. No.:	1.18e+03	Length:	20
Score:	5.00	Matches:	5
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	1.94%	Indels:	0
DB:	9	Gaps:	0

US-09-698-781-3 (1-258) x US-10-032-495-59 (1-20)

OY 62 leuARGARGAlaVal 66
|||||
Db 15 TTAGACAGCCTGTC 1

Search completed: March 14, 2003, 06:45:23
Job time : 94 secs